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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/717,525	11/21/2000	Nathan Eugene Davis	AUS9-2000-0692-US1	1812

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EXAMINER
EBRAHIMI DEHKORDY, SAEID

ART UNIT	PAPER NUMBER
2626	4

DATE MAILED: 07/06/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☐ Responsive to communication(s) filed on _____.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-21* is/are pending in the application.

   4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-21* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *12 April 2001* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

   Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

   Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

   a)☐ All   b)☐ Some * c)☐ None of:

   1.☐ Certified copies of the priority documents have been received.

   2.☐ Certified copies of the priority documents have been received in Application No. _____.

   3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

   * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date *2*.

4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____ .

DETAILED ACTION

Claim Rejections - 35 USC § 103

1.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in
> section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are
> such that the subject matter as a whole would have been obvious at the time the invention was made to a person
> having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the
> manner in which the invention was made.

2.   Claims 1-6 and 10-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over

LaDue et al (U.S. Patent RE38,111) in view of Okimoto et al (U.S. patent 6,310,694)

Regarding claim 1,15 and 21, LaDue et al disclose: A method in a data

processing system for transferring printer data (please note column 5 lines 64-67 and

column 6 lines 1-3) the method comprising: receiving a printer data stream (please note

column 4 lines 3-8), identifying a format for the printer data stream in response to

receiving the printer data stream (please note column 4 lines 18-27), extracting data

from the printer data stream to form extracted data (please note column 4 lines 25-27

and 33-36), formatting the extracted data into a format for a destination to form

formatted data (please note column 4 lines 27-33 and 36-40). However, LaDue et al do

not disclose: and transmitting the formatted data to the destination. On the other hand

Okimoto et al disclose: and transmitting the formatted data to the destination (please

note column 25 lines 34-67 and column 26 lines 1-7).

It would have been obvious to a person of ordinary skill in art at the time of the

invention to modify LaDue et al's invention according to the teaching of Okimoto et al,

where Okimoto et al is also in the field of data processing system with printer, teach the

way the communication data is formatted to fit the destination system by generating the

formatting needed through the printer driver for purpose of transmitting the data

accepted by the receiving end or destination system as this enable the client to format

the extracted data the way it fits the destination or receiving system.

Regarding claim 2 and 16 Okimoto et al disclose: The method of claim 1, wherein

the receiving, identifying, formatting, extracting, and transmitting steps are performed in

a printer driver subsystem (please note column 7 lines 7-20 and column 7 lines 66-67

and column 8 lines 1-17).

It would have been obvious to a person of ordinary skill in art at the time of the invention

to modify LaDue et al's invention according to the teaching of Okimoto et al, where

Okimoto et al is also in the field of data processing system with printer, teach the way

the communication data which was received from the application is formatted and

extracted through the printer driver as this makes the transmission of the data more

efficient, accurate and faster.

Regarding claim 3 and 17 Okimoto et al disclose: The method of claim 1, wherein

the destination is another data processing system (please note Fig.1 column 5 lines 24-

39).

Regarding claim 4 and 18 Okimoto et al disclose: The method of claim 3, wherein

the another data processing system is connected to one of a local area network, an

intranet and an Internet (please note Fig.1 column 5 lines 24-65).

Regarding claim 5 and 19 Okimoto et al disclose: The method of claim 1, wherein the destination is a program on the data processing system (please note column 10 lines 66-67 and column 11 lines 1-15).

Regarding claim 6 and 20 Okimote et al disclose: The method of claim 1, wherein the destination is one of a servlet, an applet, and a script (please note column 25 lines 62-67).

Regarding claim 10 LaDue et al disclose: A data processing system comprising: a bus system (please note Fig.2 item 16, column 3 lines 33-37) a communications unit connected to the bus system (please note Fig.2 item 36, column 5 lines 64-67) a memory connected to the bus system (please note Fig.2 item 25, column 3 lines 40-44) wherein the memory includes as set of instructions (please note Fig.2 items 25a and 25b, column 3 lines 43-58) and a processing unit connected to the bus system (please note Fig.2 item 14 column 3 lines 50-53) wherein the processing unit executes the set of instructions to receive a printer data stream (please note column 4 lines 18-34) identify a format for a printer data stream in response to receiving the printer data stream (please note column 4 lines 18-42) extract data from the printer data stream to form extracted data (please note column 4 lines 33-42) LaDue et al do not disclose: format the extracted data into a format for a destination to form formatted data data and transmit the formatted data to the destination using the communications unit. On the other hand Okimoto et al disclose: format the extracted data into a format for a destination to form formatted data and transmit the formatted data to the destination

using the communications unit (please note column 25 lines 28-67 and column 26 lines 1-7).

Therefore it would have been obvious to a person of ordinary skill in art at the time of the invention to modify LaDue et al's invention according to the teaching of Okimoto et al, where Okimoto et al in the same field of endeavor teach the way the communication data is formatted to fit the destination system by generating the formatting needed through the printer driver for purpose of transmitting the data accepted by the receiving end or destination system.

Regarding claim 11 LaDue et al disclose: The data processing system of claim 10, wherein the bus system is a single bus (please note Fig.2 item 16 column lines 36-42).

Regarding claim 12 LaDue et al disclose: The data processing system of claim 10, wherein the bus system includes a primary bus and a secondary bus (please note column 3 lines 32-37).

Regarding claim 13 LaDue et al disclose: The data processing system of claim 10, wherein the processing unit includes a plurality of processors (please note column 4 lines 18-33).

Regarding claim 14 Okimoto et al disclose: The data processing system of claim 10, wherein the communications unit is one of a modem and Ethernet adapter (please note Fig.1 column 5 lines 24-65).

Claim Rejections - 35 USC § 102

3.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed
in the United States before the invention by the applicant for patent or (2) a patent granted on an application for
patent by another filed in the United States before the invention by the applicant for patent, except that an
international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this
subsection of an application filed in the United States only if the international application designated the United
States and was published under Article 21(2) of such treaty in the English language.

4.   Claims 7-9 are rejected under 35 U.S.C. 102(e) as being anticipated by Okimoto et al

(U.S. patent 6,310,694)

        Regarding claim 7 Okimoto et al disclose: A printer driver system comprising: a

printer driver (please note Fig.3 item 30,column 7 lines 7-20 and lines 56-67 and column

8 lines 1-16) wherein the printer driver receives a printer data stream and identifies a

format of the data to form an identified format (please note column 25 lines 28-33) a

data extraction object wherein the data extraction object receives the printer stream and

uses the identified format to extract data from the printer data stream (please note

Fig.15 column 21 lines 14-45) and a data processing object wherein the data

processing object formats the extracted data to form formatted data and sends the

formatted data to a destination (please note column 25 lines 28-67 and column 26 lines

1-8).

        Regarding claim 8 Okimoto et al disclose: The printer driver system of claim 7

further comprising: additional data processing objects wherein the data processing

object and the additional data processing objects are each configured to format data for

a particular format (please note column 25 lines 28-67).

Regarding claim 9 Okimoto et al disclose: The printer driver system of claim 7, wherein the data processing system object communicates with at least one of a servlet, an applet, and a script at the destination (please note column 25 lines 62-67).

Contact Information

➢ Any inquiry concerning this communication or earlier communications from the examiner should be directed to *Saeid Ebrahimi-Dehkordy* whose telephone number is (703) 306-3487.

The examiner can normally be reached on Monday through Friday from 8:00 a.m. to 5:30 p.m. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly Williams, can be reached at (703) 305-4863.

Any response to this action should be mailed to:

Assistant Commissioner for Patents
Washington, D.C. 20231

Or faxed to:

(703) 872-9306, or (703) 308-9052 (for *formal* communications; please mark
"EXPEDITED PROCEDURE")

Or:

(703) 306-5406 (for *informal* or *draft* communications, please label "PROPOSED" or "DRAFT")

Hand delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application should be directed to the Group Receptionist whose telephone number is (703) 305-4750.
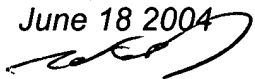
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June 18 2004

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